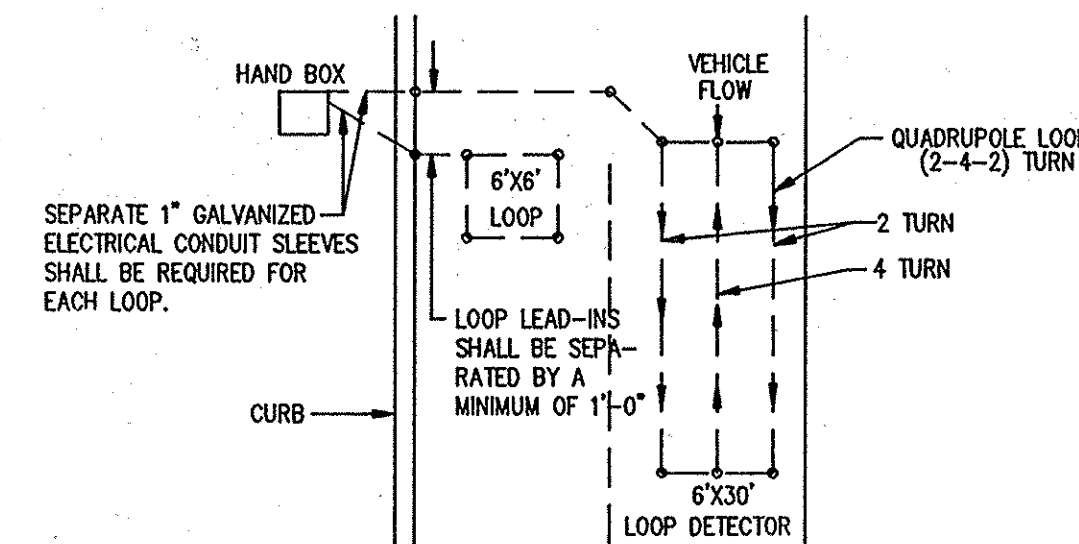
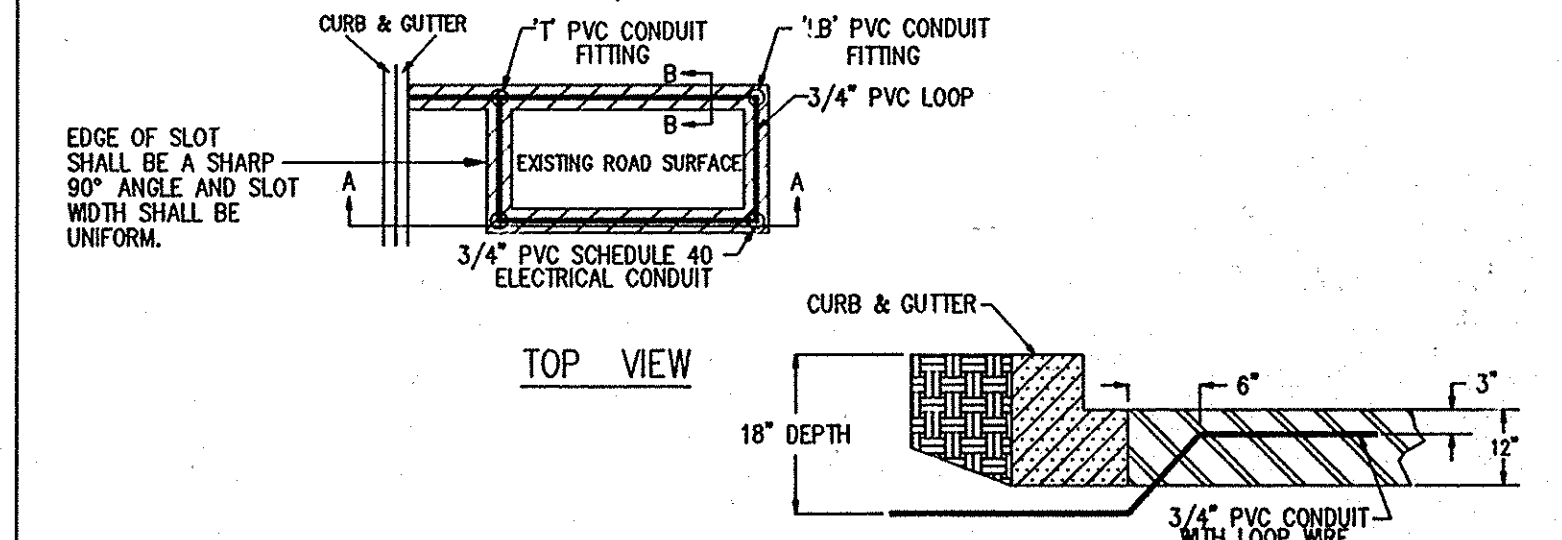


## LOOP PLACEMENT



- NOTES:
1. WHEN A PROPOSED LOOP CROSSES A ROADWAY JOINT, THE LOOP SHALL BE PLACED IN TWO SECTIONS.
  2. THE LOOPS ARE TO BE PLACED IN THE CENTER OF THE LANE UNLESS OTHERWISE NOTED ON PLANS.
  3. PRESENCE LOOP DETECTORS ARE TO BE PLACED 12" TO 18" BEHIND THE EXISTING OR PROPOSED STOP LINE.
  4. SAW CUTTING OF GUTTER PANS IS NOT ALLOWED.
  5. SAW CUT AT LEAD-INS SHALL BE 5/8" WIDE AND SAW CUT FOR LOOP DETECTORS SHALL BE 3/8" WIDE.

## 3/4" P.V.C. LOOP PLACEMENT

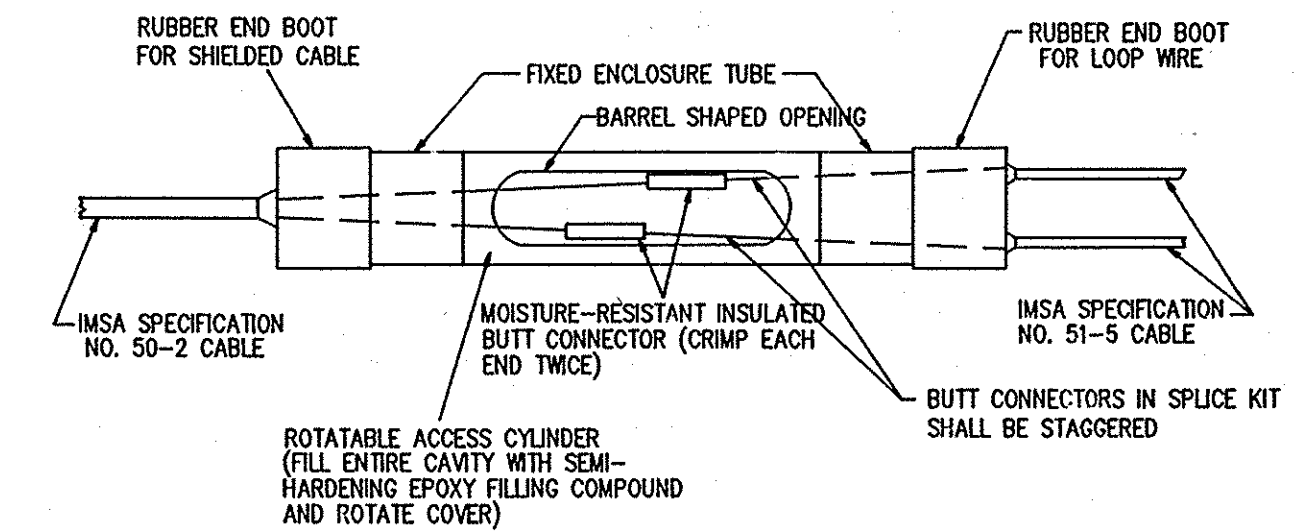


### SECTION A-A

- NOTES:
1. FILL ENTIRE SLOT WITH CONCRETE MIX #6 WITH HIGH EARLY STRENGTH ADDITIVE IF EXISTING ROAD SURFACE IS CONCRETE.
  2. IF EXISTING ROAD SURFACE IS BITUMINOUS CONCRETE, FILL SLOT WITH CONCRETE MIX #6 TO WITHIN 1 1/2" OF ROAD SURFACE THEN FILL REMAINING SLOT WITH TEMPORARY COLD PATCH BITUMINOUS CONCRETE UNTIL CONCRETE HAS CURED. THEN PLACE ANTI STRIP COMPOUND AND 1 1/2" HOT MIX SF CAP TO ROAD GRADE AFTER REMOVAL OF TEMPORARY COLD PATCH.
  3. FROM LOOP DETECTOR TO ROAD EDGE SHALL BE FULLY EXCAVATED WITH SLOT.

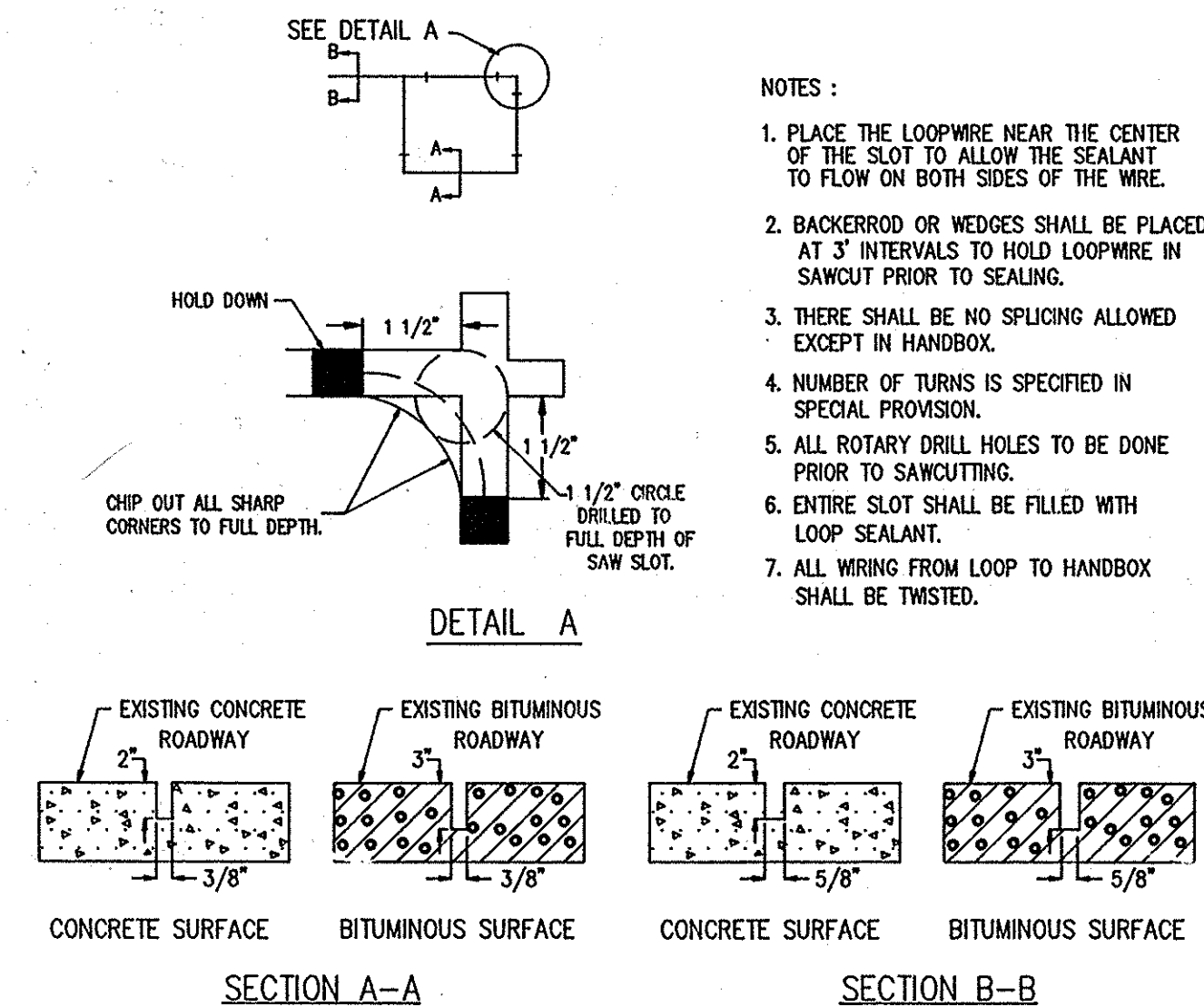
### SECTION B-B

## LOOP DETECTOR WIRE/SHIELDED CABLE SPLICE KIT

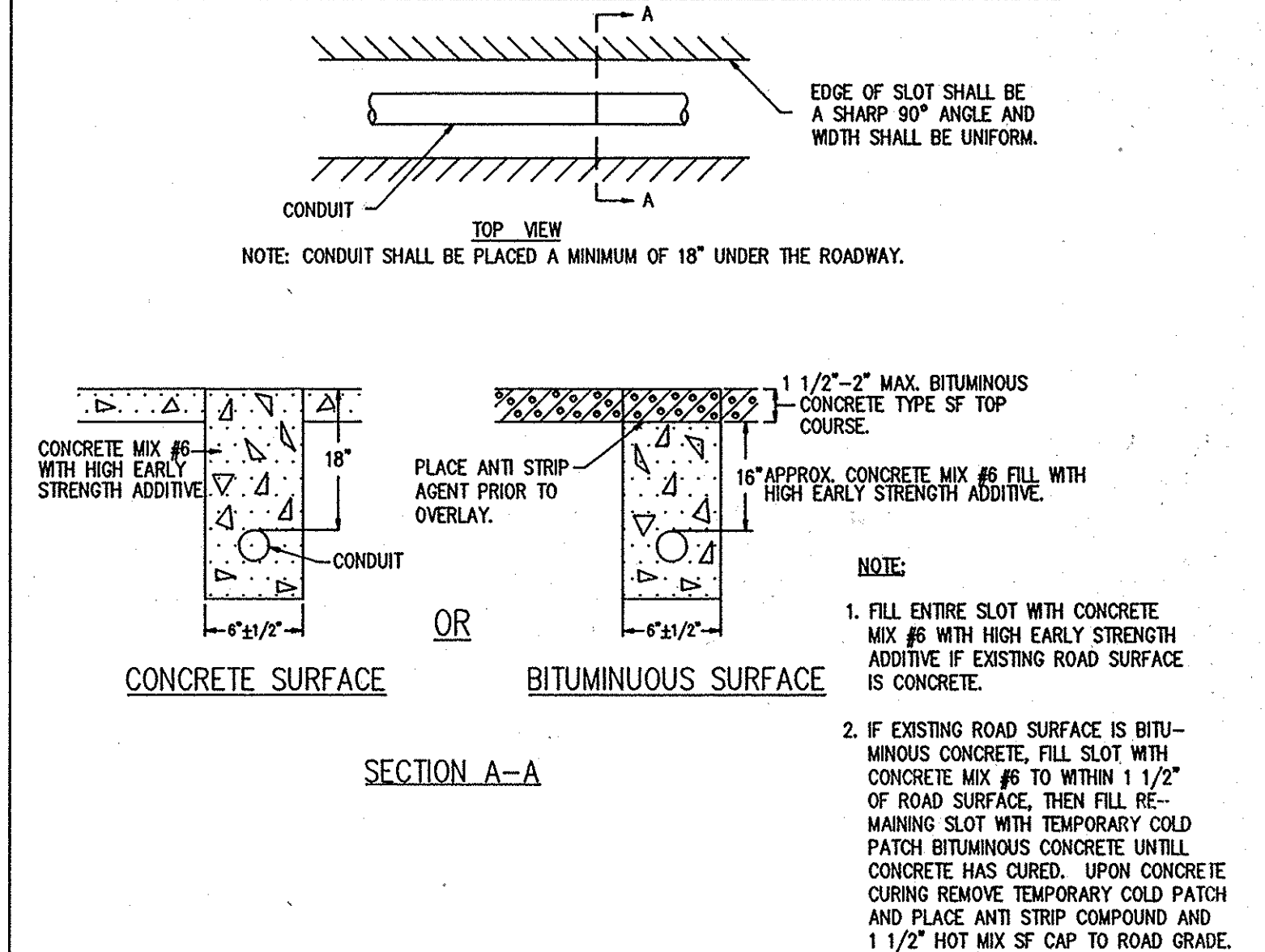


- NOTES:
1. ENCLOSURE TO BE 3M TYPE 3832 WITH 3M TYPE 4403-B SEMI HARDENING EPOXY FILLING COMPOUND OR EQUIVALENT.
  2. INSULATED BUTT CONNECTORS TO BE 3M TYPE MNG14BCM-SEALANT FILLED TYPE WITH INSULATION GRIP.

## SAWCUT DETAIL



## GALVANIZED CONDUIT IN SLOTTED PAVEMENT



APPROVED *[Signature]* 10/5/89  
DEPUTY CHIEF ENGINEER - TRAFFIC

APPROVAL - SHA REVISIONS	APPROVAL - FEDERAL HIGHWAY ADMINISTRATION

MDOT - STATE HIGHWAY ADMINISTRATION  
Office of Traffic & Safety  
TRAFFIC ENGINEERING DESIGN DIVISION  
LOOP DETECTOR LEAD-IN INSTALLATION

Section: SIGNAL DESIGN Date: 8/89 No. 1

APPROVED *[Signature]* 10/5/89  
DEPUTY CHIEF ENGINEER - TRAFFIC

APPROVAL - SHA REVISIONS	APPROVAL - FEDERAL HIGHWAY ADMINISTRATION

MDOT - STATE HIGHWAY ADMINISTRATION  
Office of Traffic & Safety  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD. RTE. 175 AT DORSEY RUN RD.  
LOOP PLACEMENT

Section: SIGNAL DESIGN Date: 8/89 No. 17